

18351  
09/12/03  
U.S. PTO

# UTILITY PATENT APPLICATION TRANSMITTAL

## (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
YOR920030312US1Total Pages in this Submission  
81**TO THE COMMISSIONER FOR PATENTS**

Mail Stop Patent Application

P.O. Box 1450

Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**AN OPTIMAL METHOD, SYSTEM, AND STORAGE MEDIUM FOR RESOLVING DEMAND AND SUPPLY IMBALANCES**

and invented by:

Edward W. Armstrong; Brian T. Eck; Mark A. Henderson; Daniel J. Peters; Howard K. Porter; Linda L. Scheib; and Elizabeth C. Szymanowicz

Assignee: International Business Machines Corporation

Assignee Residence: Armonk, NY

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation    Divisional    Continuation-in-part (CIP)   of prior application No.: \_\_\_\_\_

Which is a:

Continuation    Divisional    Continuation-in-part (CIP)   of prior application No.: \_\_\_\_\_

Which is a:

Continuation    Divisional    Continuation-in-part (CIP)   of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**1.  Filing fee as calculated and transmitted as described below2.  Specification having 48 pages and including the following:

- a.  Descriptive Title of the Invention
- b.  Cross References to Related Applications (*if applicable*)
- c.  Statement Regarding Federally-sponsored Research/Development (*if applicable*)
- d.  Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
- e.  Background of the Invention
- f.  Brief Summary of the Invention
- g.  Brief Description of the Drawings (*if filed*)
- h.  Detailed Description
- i.  Claim(s) as Classified Below
- j.  Abstract of the Disclosure

22541 U.S. PTO  
10/660850

09/12/03

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
YOR920030312US1

Total Pages in this Submission  
81

**Application Elements (Continued)**

3.  Drawing(s) (when necessary as prescribed by 35 USC 113)
  - a.  Formal Number of Sheets 5
  - b.  Informal Number of Sheets \_\_\_\_\_
4.  Oath or Declaration
  - a.  Newly executed (original or copy)  Unexecuted
  - b.  Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
  - c.  With Power of Attorney  Without Power of Attorney
  - d.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.  CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7.  Application Data Sheet (See 37 CFR 1.76)
8.  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper
  - c.  Statement(s) Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(B) Statement (when there is an assignee)
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Certificate of Mailing  
 First Class  Express Mail (Specify Label No.): EV315697365US

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
YOR920030312US1

Total Pages in this Submission  
81

**Accompanying Application Parts (Continued)**

17.  Additional Enclosures (*please identify below*):

Associate Power of Attorney

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

18.  Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

***Warning***

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
**YOR920030312US1**

Total Pages in this Submission  
**81**

**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
<b>Total Claims</b>	23	- 20 =	3	x \$18.00	\$54.00
<b>Indep. Claims</b>	3	- 3 =	0	x \$84.00	\$0.00
<b>Multiple Dependent Claims (check if applicable)</b>		<input type="checkbox"/>			\$0.00
				<b>BASIC FEE</b>	\$750.00
<b>OTHER FEE (specify purpose)</b>					\$0.00
				<b>TOTAL FILING FEE</b>	\$804.00

A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.

The Director is hereby authorized to charge and credit Deposit Account No. **50-0510** as described below.

- Charge the amount of **\$804.00** as filing fee.
- Credit any overpayment.
- Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

  
*Marisa J. Dubuc*  
*Signature*

**Marisa J. Dubuc**  
 Registration No. 46,673  
 CANTOR COLBURN LLP  
 55 Griffin Road South  
 Bloomfield, CT 06002  
 Telephone (860) 286-2929  
 Facsimile (860) 286-0115  
 Customer N . 23413

Dated: **September 12, 2003**

cc:

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **EDWARD W. ARMSTRONG ET AL**

Docket No.

**YOR920030312US1**Serial No.  
**Not Yet Assigned**Filing Date  
**September 12, 2003**Examiner  
**Not Yet Assigned**Group Art Unit  
**Not Yet Assigned**Invention: **AN OPTIMAL METHOD, SYSTEM, AND STORAGE MEDIUM FOR RESOLVING DEMAND AND SUPPLY IMBALANCES**

I hereby certify that the following correspondence:

**Utility Patent Application w/formal drawings, Declaration & Power of Attorney, Assign. Recordation, Assignment, Associate Power of Attorney, Information Disclosure Statement, Information Disclosure Citation w/ refs.; Filing Fees, and Postcards (2)***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

September 12, 2003*(Date)***Sheila Smedick***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EV315697365US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**